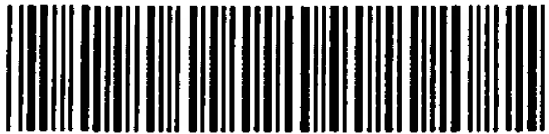


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BAR CODE LABEL 		<h2 style="margin: 0;">U.S. PATENT APPLICATION</h2>																																						
SERIAL NUMBER 08/446,553	FILING DATE 05/19/95 RULE 60	CLASS 348	GROUP ART UNIT 2602																																					
<div style="display: flex;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; margin-right: 10px;">APPLICANT</div> <div> <p>JOHN C. HARVEY, NEW YORK, NY; JAMES W. CUDDIHY, NEW YORK, NY.</p> <p>**CONTINUING DATA*****</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">VERIFIED</td> <td style="width: 45%;">THIS APPLN IS A CON OF</td> <td style="width: 20%;">08/113,329</td> <td style="width: 20%;">08/30/93</td> <td style="width: 20%;"></td> </tr> <tr> <td></td> <td>WHICH IS A CON OF</td> <td>07/056,501</td> <td>06/01/87</td> <td>ABN</td> </tr> <tr> <td></td> <td>WHICH IS A CON OF</td> <td>07/849,226</td> <td>03/10/92</td> <td>PAT 5,233,654</td> </tr> <tr> <td></td> <td>WHICH IS A CON OF</td> <td>07/588,126</td> <td>09/25/90</td> <td>PAT 5,109,414</td> </tr> <tr> <td></td> <td>WHICH IS A CON OF</td> <td>07/096,096</td> <td>09/11/87</td> <td>PAT 4,965,825</td> </tr> <tr> <td></td> <td>WHICH IS A CIP OF</td> <td>06/829,531</td> <td>02/14/86</td> <td>PAT 4,704,725</td> </tr> <tr> <td></td> <td>WHICH IS A CON OF</td> <td>06/317,510</td> <td>11/03/81</td> <td>PAT 4,694,490</td> </tr> </table> <p>**FOREIGN/PCT APPLICATIONS*****</p> <p>VERIFIED</p> <p>_____</p> <p style="text-align: center; margin-top: 20px;">FOREIGN FILING LICENSE GRANTED 06/23/95 ***** SMALL ENTITY *****</p> </div> </div>						VERIFIED	THIS APPLN IS A CON OF	08/113,329	08/30/93			WHICH IS A CON OF	07/056,501	06/01/87	ABN		WHICH IS A CON OF	07/849,226	03/10/92	PAT 5,233,654		WHICH IS A CON OF	07/588,126	09/25/90	PAT 5,109,414		WHICH IS A CON OF	07/096,096	09/11/87	PAT 4,965,825		WHICH IS A CIP OF	06/829,531	02/14/86	PAT 4,704,725		WHICH IS A CON OF	06/317,510	11/03/81	PAT 4,694,490
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<div style="display: flex;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; margin-right: 10px;">ADDRESS</div> <div> <p>THOMAS J SCOTT JR HOWREY & SIMON 1299 PENNSYLVANIA AVENUE NW WASHINGTON DC 20004</p> </div> </div>																																								
<div style="display: flex;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold; margin-right: 10px;">TITLE</div> <div> <p>SIGNAL PROCESSING APPARATUS AND METHODS</p> </div> </div>																																								
<p>This is to certify that annexed hereto is a true copy from the records of the United States Patent and Trademark Office of the application which is identified above.</p> <p>By authority of the COMMISSIONER OF PATENTS AND TRADEMARKS</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>Date</div> <div>Certifying Officer</div> </div>																																								